

LOCTITE®



ViperLube®

High Performance Synthetic Lubricants

Superior Performance in any Habitat

- NLGI Grade 2
- Severe Duty GC-LB
- NSF H1



Henkel Technologies



ViperLube®

Superior Performance in any Habitat

Protect Your Territory

ViperLube® High Performance Synthetic Grease

Loctite® ViperLube® High Performance Synthetic Grease is a technologically advanced multi-purpose NLGI grade 2 grease. Developed using the best combination of synthetic base stocks and thickener technology, this chemistry outperforms other premium greases.

Loctite® ViperLube® High Performance Synthetic Grease is an excellent lubricant for industrial processes where a wide range of operating temperatures and environments are encountered. This premium grease uses 100% NSF approved ingredients, is rated NSF H1 for use as a lubricant with incidental food contact and is rated GC/LB for long-life and severe duty fleet/automotive service applications.



Typical Prey:

Loctite® ViperLube® High Performance Synthetic Grease can be used as a lubricant on all bearings, a protective anti-rust film on machine parts and equipment, or as a release agent on

gaskets and seals. Loctite® ViperLube® High Performance Synthetic Grease is great for severe operating, extreme pressure, and heavy-duty applications in a variety of industrial environments.

Agile and protective...

- Superior mechanical stability
- High temperature resistance
- Excellent extreme pressure and anti-wear properties
- Formulated for advanced resistance to water
- Life performance up to 4 times that of regular mineral-based grease
- Excellent mobility and low torque at temperatures down to -40°F (-40°C)
- Excellent rust and corrosion prevention properties



Grease Performance Properties

	Loctite® ViperLube® High Performance Synthetic Grease
Appearance	Light Straw
Thickener	Complex Calcium Sulfonate
Specific Gravity	0.95
NLGI Grade (ASTM D217)	2
Dropping Point °F (ASTM D2265)	500+
Low Temperature Torque -40°C, Nm (ASTM D1478)	0.37 Nm
Evaporation Loss, 22 hours @ 99°C, wt % (ASTM D972)	0.11
Oil Separation, % (ASTM D1742)	0.2
Rust Test (ASTM D1743)	Pass
Copper Corrosion (ASTM D4048)	1B
High Temp. Life, hrs (ASTM D3527)	280
Four Ball Wear, (ASTM 2266)	0.45 mm
Weld Point (ASTM D2596)	400 kg
Load Wear Index (ASTM D2596)	53
Timken, OK Load (ASTM 2509) lbs.	60
Oxidation Stability (ASTM D942)	4 psi
Water Washout, wt loss (ASTM D1264)	0.0
Leakage Tendencies	4.5 g
Title 21 CFR 178.3570	H1
Automotive Service (NLGI)	GC/LB

Grease Compatibility Chart

Thickener Type	Calcium Sulfonate (ViperLube®)	Lithium Soap	Lithium Complex	Aluminum Complex	Calcium Complex	Barium Soap	Sodium Soap	Bentone	Silica Gel	Polyurea
Calcium Sulfonate (ViperLube®)		FC	FC	NC	FC	SC	NC	NC	SC	NC
Lithium Soap	FC		FC	NC	FC	SC	NC	NC	FC	SC
Lithium Complex	FC	FC		NC	FC	SC	NC	NC	FC	SC
Aluminum Complex	NC	NC	NC		NC	NC	SC	NC	FC	NC
Calcium Complex	FC	FC	FC	NC		SC	NC	NC	NC	SC
Barium Soap	SC	SC	SC	NC	SC		NC	NC	FC	NA
Sodium Soap	NC	NC	NC	SC	NC	NC		NC	NC	NC
Bentone	NC	NC	NC	NC	NC	NC	NC		FC	NC
Silica Gel	SC	FC	FC	FC	NC	FC	NC	FC		NA
Polyurea	NC	SC	SC	NC	SC	NA	NC	NC	NA	

LEGEND: FC – Fully compatible

SC – Somewhat compatible – mixtures soften, but remains grease-like

NC – Not compatible – mixtures soften severely and do not remain grease-like

NA – Not available



Adapt to Changes in Your Habitat

Loctite® ViperLube® High Performance Synthetic Lubricant Gear Oils - 90W (ISO 220) and 140W (ISO 460)

Today's equipment and parts are frequently operating at higher speeds under heavier loads, leading to higher operating temperatures. Additionally, gears and bearings are often required to perform in the presence of water, steam, and other liquids or solid contaminants. With the decreased oil capacities of such equipment, lubricants must provide more effective cooling and a greater tolerance of contaminants.

Loctite® ViperLube® High Performance Synthetic Lubricant Gear Oils maintain a superior lubrication film between metal surfaces under many conditions. They provide long-life for gears, without gumming or discoloring even in the most severe conditions. Loctite® ViperLube® Gear Oils are high quality, non-toxic synthetic lubricants based on synthetic hydrocarbons (PAO), formulated with NSF approved ingredients only.

Typical Prey:

Loctite® ViperLube® High Performance Synthetic Lubricant Gear Oils are recommended for use in all gear boxes, such as helical gears, herringbone gears, bevel gears, enclosed gears, and as a chain lubricant.

Heightened Senses...

- NSF H1 approved materials
- Fewer oil changes
- Excellent anti-wear properties
- High viscosity index
- Rust and corrosion prevention
- Comparable performance to many premium non-food grade gear lubricants



Strike with Power and Efficiency

Loctite® ViperLube® High Performance Synthetic Lubricant Lightweight Oils - 10W (ISO 32), 15W (ISO 46) and 20W (ISO 68)

Loctite® ViperLube® High Performance Synthetic Lubricant Lightweight Oils provide long-life for hydraulic systems without gumming or discoloring even in severe operating environments. These lightweight oils serve not only as a medium for energy transmission, but as a lubricant, sealant, and heat transfer medium as well. And they also carry the additional responsibility of maximizing power and efficiency by minimizing wear and tear on equipment.

Loctite® ViperLube® High Performance Synthetic Lubricant Lightweight Oils are formulated with the latest in additive technology and NSF approved ingredients. Excellent thermal stability means minimal sludge formation and deposit buildup, resulting in an extended service life, uninterrupted production, and maximum machine availability. These oils demonstrate excellent water separation, foam control, and rust protection.

Typical Prey:

Loctite® ViperLube® High Performance Synthetic Lubricant Lightweight Oils are recommended for hydraulic systems, bearings, rotary screw compressors (light duty), chain lubrication, valves, and many other applications within general industry, food packaging, and meat and poultry processing plants. Application methods include reservoirs, pumps, oil baths, and force feed lubricators.



Loctite® ViperLube® 20W (ISO 68) is especially well suited for pneumatics and vacuum pumps.

Won't Back Down...

- NSF H1 approved materials
- Lower maintenance costs
- High viscosity index for improved system performance
- Less varnish, lacquering, and deposits
- Compatible with seals, gaskets, hoses, and air system components
- Improved operating safety by greatly reducing fire and explosion hazard
- Excellent anti-wear properties

*Loctite® ViperLube® Brand
Products are Now Available
in Larger Package Sizes*



*Loctite® ViperLube®
High Performance
Synthetic Grease
and Oils*

Now available in
5 gallon pails



*Loctite® ViperLube®
High Performance
Synthetic Grease*

Now available in
120 lb. drum
(item # 37710)



*Loctite® ViperLube®
High Performance
Synthetic Oils*

Now available in
55 gallon drums

*Take the sting out of your
toughest applications –
use Loctite® ViperLube®
High Performance
Synthetic Lubricants*

New Grease Dispensing Equipment from Henkel

Introducing a NEW line of grease guns for Loctite® branded grease lubricant products.



Loctite® Standard Grease Gun - Item #98431

Technical Specifications: 15" H x 2.5" W x 4.5" D (3.7lbs. 1,678 g). 6" Rigid Extension, lever action, vinyl handle grip, vent valve for purging, two way filling (bulk or cartridge), variable stroke that yields variable pressure and volume with a precision fit and hardened coupler. Good for all grease type lubricants.



Loctite® Pneumatic Grease Gun - Item #98432

Technical Specifications: 16.5" H x 2.5" W x 7.25" D (4.5lbs. 2,063 g). 18" High Pressure Hose, ideally suited for production line applications, fully automatic, self-priming, continuous cycle (while trigger is depressed), flip-over follower eliminates grease bypass, heavy duty spring for max retention, locking follower rod for easy loading, low operating noise and two way filling (bulk and cartridge). The dispenser is equipped with a 40:1 air motor capable of 6,000 psi, an operating range of 40 - 150 psi and a 7/16" – 28 UNEF outlet opening for the high pressure hose.



Loctite® Industrial Cordless Electric Grease Dispenser - Item #98433

Technical Specifications: 19.5" H x 3.5" W x 8" D (7.7lbs. 3,486 g). Hand held electrically operated 12-volt grease gun. Ideal for high volume production where mobility is essential. Reduces worker fatigue and speeds up routine lubrication tasks. The gun generates 6,000 psi and the battery recharges in only one hour (charge will dispense up to 3 cartridges of grease). Convenient two way filling (bulk & cartridge). 7/16" – 28 UNEF outlet opening for the high pressure hose.

Loctite® Brand ViperLube® Oil Performance Properties

SAE Grade (ISO Grade)	10W (ISO 32)	15W (ISO 46)	20W (ISO 68)	90W (ISO 220)	140W (ISO 460)
Temperature Range	-45°F to 450°F	-45°F to 450°F	-45°F to 450°F	-45°F to 450°F	-45°F to 450°F
Color (ASTM D1500)	Water white	Water white	Water white	Water white	Water white
Viscosity @ 40°C, cST (ASTM D445)	31.5	47.0	66.3	198-242	414-506
Viscosity Index (ASTM D2270)	134	135	135	125	128
Pour Point (ASTM D97)	-75°C	-70°C	-50°C	-30°C	-20°C
Flash Point °F (ASTM D92)	465	465	465	430	430
Copper Corrosion (ASTM D130)	1A	1A	1A	1B	1A
Four Ball Wear (ASTM D4172)	.40 mm	.40 mm	.40 mm	.48 mm	.38 mm
Rust Test (ASTM D665)	PASS	PASS	PASS	PASS	PASS
Foam Test (ASTM D892), foam volume 5 mins, M1/collapse time, sec	Trace/0	Trace/0	Trace/0	Trace/0	Trace/0
Incidental Food Contact	NSF H1	NSF H1	NSF H1	NSF H1	NSF H1

Ordering Information

Item #	Description	Grade/Weight	Package Size	Case Qty.
36780	Loctite® ViperLube® High Performance Synthetic Grease	NLGI 2	1 cc tube	4,000*
36781	Loctite® ViperLube® High Performance Synthetic Grease	NLGI 2	3 oz. tube	12
36782	Loctite® ViperLube® High Performance Synthetic Grease	NLGI 2	400 g cartridge (14 oz.)	12
36783	Loctite® ViperLube® High Performance Synthetic Grease	NLGI 2	400 g can	12
36784	Loctite® ViperLube® High Performance Synthetic Grease	NLGI 2	0.42 oz. tube	400*
37061	Loctite® ViperLube® High Performance Synthetic Grease	NLGI 2	30 lb. pail	1
37710	Loctite® ViperLube® High Performance Synthetic Grease	NLGI 2	120 lb. drum	1
36786	Loctite® ViperLube® High Performance Synthetic Grease	NLGI 2	10.1 oz. aerosol can	12
36788	Loctite® ViperLube® High Performance Synthetic Lubricant Lightweight Oil	ISO 32/10W	1 gal. bottle	4
38352	Loctite® ViperLube® High Performance Synthetic Lubricant Lightweight Oil	ISO 32/10W	5 gal. pail	1
38353	Loctite® ViperLube® High Performance Synthetic Lubricant Lightweight Oil	ISO 32/10W	55 gal. drum	1
38872	Loctite® ViperLube® High Performance Synthetic Lubricant Lightweight Oil	ISO 46/15W	1 gal. bottle	4
38873	Loctite® ViperLube® High Performance Synthetic Lubricant Lightweight Oil	ISO 46/15W	5 gal. pail	1
38874	Loctite® ViperLube® High Performance Synthetic Lubricant Lightweight Oil	ISO 46/15W	55 gal. drum	1
38875	Loctite® ViperLube® High Performance Synthetic Lubricant Lightweight Oil	ISO 68/20W	1 gal. bottle	4
38876	Loctite® ViperLube® High Performance Synthetic Lubricant Lightweight Oil	ISO 68/20W	5 gal. pail	1
38877	Loctite® ViperLube® High Performance Synthetic Lubricant Lightweight Oil	ISO 68/20W	55 gal. drum	1
36787	Loctite® ViperLube® High Performance Synthetic Lubricant Gear Oil	ISO 220/90W	1 gal. bottle	4
38350	Loctite® ViperLube® High Performance Synthetic Lubricant Gear Oil	ISO 220/90W	5 gal. pail	1
38351	Loctite® ViperLube® High Performance Synthetic Lubricant Gear Oil	ISO 220/90W	55 gal. drum	1
38878	Loctite® ViperLube® High Performance Synthetic Lubricant Gear Oil	ISO 460/140W	1 gal. bottle	4
38879	Loctite® ViperLube® High Performance Synthetic Lubricant Gear Oil	ISO 460/140W	5 gal. pail	1
38880	Loctite® ViperLube® High Performance Synthetic Lubricant Gear Oil	ISO 460/140W	55 gal. drum	1

*Order by pieces needed

To reach a local Henkel distributor, or for more information on Loctite® ViperLube® products, call 1-800-LOCTITE (562-8483), or visit www.loctite.com

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